Effect of Ophiocordyceps sinensis mycelium on the lowering plasma in non-insulin-dependent diabetes mellitus rats

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ABSTRACT
Medicinal fungi have been widely used in pathological and pharmacological treatment. Among these, Ophiocordyceps sinensis (Os) is well known as one of the three major tonic medicine in China, which has the effect on lowering plasma glucose. Studies indicate that it may improve insulin resistance and increase insulin secretion. However, the mechanism is not clear yet. The purpose of this study was to investigate whether the mycelium of Os could reduce the plasma glucose levels in non-insulin-dependent diabetes mellitus (NIDDM) rats.

Keywords: Ophiocordyceps sinensis, Non-insulin-dependent diabetes mellitus (NIDDM), Streptozotocin

REFERENCES